

## ===== PAJ =====

TI - FLEXIBLE PRINTED WIRING BOARD

AB - PURPOSE: To provide excellent reliability and to enhance a density of an electronic apparatus by alternately arranging signal wires, ground wires in parallel between two flexible insulating layers, and forming a shielding layer on the outer surface of the insulating layer.

- CONSTITUTION: Signal wires 3 and ground wires 4 are alternately adhered on a flexible insulating layer 1 through an adhesive layer 2a, and a second flexible insulating layer 5 is laminated on the wires 3 and the wires 4 through an adhesive layer 2b. Further, shielding layers 6, 61 are laminated on the outer surfaces of the layers 1, 5. All the wires 4 are electrically connected to the layers 6, 61 via through holes 7 formed at a metal layer 72 at the inner wall surface 71 of the hole. Thus, a crosstalk between the wires 3 can be prevented by the wires 4 disposed between the wires 3. A space electromagnetic wave can be shut OFF from the wires 3 by the layers 6, 61.

PN - JP4313300 A 19921105

PD - 1992-11-05

ABD - 19930324

ABV - 017148

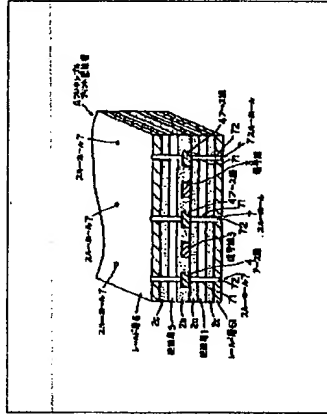
AP - JP19910077946 19910410

GR - E1338

PA - SUMITOMO ELECTRIC IND LTD

IN - HASEGAWA HIROSHI

I - H05K9/00 ; H05K1/02 ; H05K3/46



&lt;First Page Image&gt;